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INFORMATION DISCLOSURE  
STATEMENT

Examining Group 1632  
Patent Application  
Docket No. UF-145C4D2  
Serial No. 10/658,564

  
Doran R. Pace, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1632  
Applicants : Ammon B. Peck, Harmeet Sidhu  
Serial No. : 10/658,564  
Filed : September 8, 2003  
Conf. No. : 3383  
For : Materials and Methods for Detection of Oxalobacter Formigenes

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §§1.97 and 1.98, Applicants would like to bring to the attention of the Examiner, the references cited in the following patent applications:

U.S. Serial No. 09/829,094, filed April 9, 2001;  
U.S. Serial No. 08/936,094, filed September 23, 1997, now U.S. Patent No. 6,214,980;  
U.S. Serial No. 08/883,610, filed June 26, 1997, now U.S. Patent No. 6,090,628;  
U.S. Serial No. 08/717,587, filed September 27, 1996, now U.S. Patent No. 5,912,125;  
U.S. Serial No. 08/493,197, filed June 20, 1995, now U.S. Patent No. 5,837,833;  
U.S. Serial No. 08/262,424, filed June 20, 1994, now U.S. Patent No. 5,604,111.

The subject application, Serial No. 10/658,564, claims the benefit under 35 USC §120 of the filing date of the patent applications referred to above. Applicants respectfully request that the copies of references supplied in each of the Information Disclosure Statements of the above applications, as well as any references cited during the prosecution thereof, be made of record in the 10/658,564 application. As copies of the references filed in the above applications, and cited on the attached form PTO/SB/08, can be found in the casefiles of the above-referenced applications, copies of those references are not provided herewith.

The Edman and Begg reference (1967), cited as R34 on the attached PTO/SB/08 has not been previously submitted in the parent cases. Therefore, Applicants are submitting herewith a copy of this reference.

It is respectfully requested that the references cited on the attached form PTO/SB/08 be considered in the examination of the subject application and that their consideration be made of record.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statements.

Respectfully submitted,



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Gainesville, FL 32606-6669

DRP/dkt

Attachments: Form PTO/SB/08

Copy of reference (Edman and Begg, 1967)



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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/658,564		
		Filing Date	September 8, 2003		
		First Named Inventor	Ammon B. Peck		
		Art Unit	1632		
		Examiner Name	unknown		
Sheet	1	of	4	Attorney Docket Number	UF-145C4D2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-5,635,616	06/03/97	Olsen <i>et al.</i>	All
	U2	US-5,219,727	06/15/93	Wang <i>et al.</i>	All
	U3	US-5,213,961	05/25/93	Bunn <i>et al.</i>	All
	U4	US-5,043,272	08/27/94	Hartley	All
	U5	US-4,539,118	09/03/85	Crider	All
	U6	US-4,455,371	06/19/84	Richardson <i>et al.</i>	All
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	F1	WO 95/35377	12/28/95	University of Florida Research Foundation, Inc.	All	
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner Signature		Date Considered	
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	HODGKINSON, A. (1970) "Determination of Oxalic Acid in Biological Material" <i>Clinical Chemistry</i> , pages 547-557, Volume 16, Issue 7.	
	R2	COSTELLO, J. <i>et al.</i> (1976) "An Enzymatic Method for the Spectrophotometric Determination of Oxalic Acid" <i>J. Lab. Clin. Med.</i> , pages 903-908, Volume 87, Issue 5.	
	R3	CURHAN, Gary C. M.D. <i>et al.</i> (1993) "A Prospective Study of Dietary Calcium and Other Nutrients and the Risk of Symptomatic Kidney Stones" <i>N.E.J. Med.</i> , pages 833-838, Volume 328, Issue 12.	
	R4	BAETZ, A.L. and Allison, M.J. (1989) "Purification and Characterization of Oxalyl-Coenzyme A Decarboxylase from <i>Oxalobacter formigenes</i> " <i>Journal of Bacteriology</i> , pages 2605-2608, Volume 171, Issue 5.	
	R5	BAETZ, A.L. and Allison, M.J. (1990) "Purification and Characterization of Formyl-Coenzyme A Transferase from <i>Oxalobacter formigenes</i> " <i>Journal of Bacteriology</i> , pages 3537-3540, Volume 172, Issue 7.	
	R6	YRIBERRI, J. and Posen, S. (1980) "A Semi-Automatic Enzymatic Method for Estimating Urinary Oxalate" <i>Clin. Chem.</i> , pages 881-884, Volume 26, Issue 7.	
	R7	LUNG, H.Y. <i>et al.</i> (1994) "Molecular Cloning, DNA Sequence and Gene Expression of the Oxalyl-Coenzyme A Decarboxylase Gene, <i>oxc</i> , from the Bacterium <i>Oxalobacter formigenes</i> " <i>Journal of Bacteriology</i> , pages 2468-2472, Volume 176, Issue 8.	
	R8	ALLEN, L.C. <i>et al.</i> (1989) "An Enzymatic Method for Oxalate Automated with the Cobas Fara Centrifugal Analyzer" <i>Clin. Chem.</i> , pages 2098-2100, Volume 35, Issue 10.	
	R9	LI, M.G. and Madappally, M.M. (1989) "Rapid Enzymatic Determination of Urinary Oxalate" <i>Clin. Chem.</i> , pages 2330-2333, Volume 35, Issue 12.	
	R10	SANTAMARIA, J.R. <i>et al.</i> (1993) "Comparative Study of Two Commercial Enzymatic Kits for Determining Oxalate Concentrations in Urine" <i>Clin. Biochem.</i> , pages 93-96, Volume 26.	
	R11	"Urologicals" (Descriptive Flier) with attached table of "StoneRisk Profile" and page 732 <u>IV. Urologic: Diseases of the Genitourinary Tract.</u>	
	R12	INFANTES, J.A. <i>et al.</i> (1991) "Kinetic-Enzymatic Determination of Oxalate in Urine by Flow Injection Analysis with Double Stopped Flow" <i>Analytica Chimica Acta.</i> , pages 179-183, Volume 242.	
	R13	COSTELLO, J.F. and Smith, M. (1992) "Determination of Evolved <sup>14</sup> CO <sub>2</sub> in Decarboxylase Reactions with Application to Measurement of [ <sup>14</sup> C]Oxalic Acid" <i>Analytical Biochemistry</i> , pages 337-339, Volume 202.	

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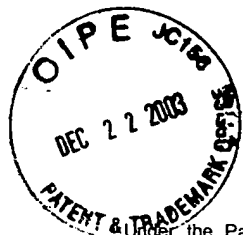
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Sheet

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Group Art Unit	1632
Examiner Name	unknown
Attorney Docket Number	UF-145C4D2

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	R14	BINETTE, Y. and Durocher, J.-G. (1985) "Le Dosage des Oxalates Urinaires: Comparaison de Trois Methodes" <i>Ann. Biochem. Clin. Que.</i> , pages 93-96, Volume 24, Issue 3.	
	R15	HATCH, M. and Freel, R.W. (1996) "Oxalate Transport Across Intestinal and Renal Epithelia" <i>Calcium Oxalate in Biological Systems</i> , pages 217-238, CRC Press, Boca Raton, FL.	
	R16	DAWSON, K.A. <i>et al.</i> (1980) "Isolation and Some Characteristics of Anaerobic Oxalate-Degrading Bacteria from the Rumen" <i>Applied and Environmental Microbiology</i> , pages 833-839, Volume 40, Issue 4.	
	R17	ANDERSON, J.T. <i>et al.</i> (1993) "Insulin-Dependent Diabetes in the NOD Mouse Model II. Cell Destruction in Autoimmune Diabetes is a T <sub>H2</sub> and not a T <sub>H1</sub> Mediated Event" <i>Autoimmunity</i> , pages 113-122, Volume 15.	
	R18	STACY-PHIPPS, S. <i>et al.</i> (1995) "Multiplex PCR Assay and Simple Preparation Method for Stool Specimens Detect Enterotoxigenic <i>Escheria coli</i> DNA During Course of Infection" <i>Journal of Clinical Microbiology</i> , pages 1054-1059, Volume 33, Issue 5.	
	R19	Stragtagene Catalog (1988) Stratagene Cloning Systems, La Jolla, CA, page 39.	
	R20	New England Biolabs Catalog (1986) Beverly, MA, page 61.	
	R21	LUNG <i>et al.</i> (1991) "Cloning and Expression of the Oxalyl-CoA Decarboxylase Gene from the Bacterium, <i>Oxalobacter formigenes</i> : Prospects for Gene Therapy to Control Ca-Oxalate Kidney Stone Formation" <i>American Journal of Kidney Diseases</i> , pages 381-385, Volume 12, Issue 4.	
	R22	ALLISON, M.J. <i>et al.</i> (1985) " <i>Oxalobacter formigenes</i> gen. nov., sp. nov.: Oxalate Degrading Bacteria that Inhabit the Gastrointestinal Tract" <i>Arch. Microbiol.</i> , pages 1-7, Volume 141.	
	R23	JENSEN, N.S. <i>et al.</i> (1994) "Studies on the Diversity Among Anaerobic Oxalate-Degrading Bacteria Now in the Species <i>Oxalobacter formigenes</i> " <i>Abst. Ann. Mtg. Amer. Soc. Microbial</i> , pages 1-29.	
	R24	TARNUZZER, R.W. <i>et al.</i> (1996) "Competitive RNA Templates for Detection and Quantitation of Growth Factors, Cytokines, Extracellular Matrix Components and Matrix Metalloproteinases by RT-PCR" <i>BioTechniques</i> , pages 670-4, Volume 20, Issue 4.	
	R25	ALLISON, M.J. <i>et al.</i> (1986) "Oxalate Degradation by Gastrointestinal Bacteria from Humans" <i>J Nutr.</i> , pages 455-460, Volume 116.	
	R26	ARGENZIO, R.A. <i>et al.</i> (1988) "Intestinal Oxalate Degrading Bacteria Reduce Oxalate Absorption and Toxicity in Guinea Pigs" <i>J Nutr.</i> , pages 787-791, Volume 118.	

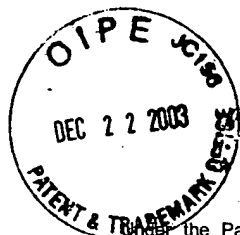
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	R27	DANIEL, S. <i>et al.</i> (1987) "Microbial Degradation of Oxalate in the Gastrointestinal Tracts of Rats" <i>Appl Environ Microbiol</i> , pages 957-964, Volume 53.	
	R28	JORDAN, J.A. and Dursó, M.B. (1996) "Rapid Speciation of the Five Most Medically Relevant Candida Species Using PCR Amplification and a Microtitre Plate-Based Detection System" <i>Mol Diagnosis</i> , pages 51-58, Volume 1.	
	R29	SMITH, R.L. <i>et al.</i> (1985) "Isolation of Anaerobic Oxalate-Degrading Bacteria from Fresh Water Lake Sediments," <i>Arch Microbiol</i> , pages 8-13, Volume 141.	
	R30	FORD, Clark F. <i>et al.</i> (1991) "Fusion Tails for the Recovery and Purification of Recombinant Proteins" <i>Protein Expression and Purification</i> , pages 95-107, Volume 2.	
	R31	SAMBROOK, J. <i>et al.</i> (1982) "Vectors That Express Cloned DNA in <i>Escherichia coli</i> " In: <u>Molecular Cloning: A Laboratory Manual</u> , Cold Spring Harbor Laboratory, pages 404-433.	
	R32	MATSUDAIRA, Paul (1991) "Limited N-Terminal Sequence Analysis" In: <u>Guide to Protein Purification. Methods in Enzymology</u> , Murray P. Deutscher, ed. (Academic Press, Inc.), pages 602-613, Volume 182.	
	R33	WOZNEY, J.M. (1991) "Using Purified Protein to Clone Its Gene" In: <u>Guide to Protein Purification. Methods in Enzymology</u> , Murray P. Deutscher, ed. (Academic Press, Inc.), pages 738-751, Volume 182.	
	R34	EDMAN, P. and BEGG, G. (1967) "A Protein Sequenator," <i>Eur. J. Biochem.</i> , pages 80-91, Volume 1; XP-009006227.	
	R35		
	R36		
	R37		
	R38		
	R39		

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